



Surgical Technology Application Information 2009-2010

The attached materials provide an application submission guide for the Surgical Technology program. Please read all of the application carefully. In order for your application to be considered, all steps must be completed and the required materials submitted to the Health Science Division office at Columbia Basin College.

Surgical technologists work as members of the surgical team to prepare the operating room for surgery, assist during surgery, and carry out the proper post-operative procedures. Technologists ensure that the operating room is prepared for surgery, all instruments are properly sterilized, ready the patient for surgery by preparing the incision site, position them for surgery, and assist the surgical team during and after the procedure. A scrub technologist assists the surgeons by handing them instruments during the surgery and ensures that the immediate surgical field remains sterile.

Surgical technologists are typically employed in hospital operating rooms but may also be stationed in doctors outpatient surgery centers, and in central supply departments. Most surgical technologists will work a 40-hour week, but may need to be available on weekends, evenings, and holidays, they will need to consider that the job requires a call position in hospitals.

The Surgical Technology program is a selective admission and competitive entrance program. You must apply to the college and also to the program. Applicants are screened according to timely coursework completion and grades.

CBC's Surgical Technology program is a four-quarter program beginning in fall quarter. During the course of the program, enrolled students will gain extensive hands-on training and acquire more than 350 hours of operating room experience in the clinical setting.

Upon successful completion of all degree and program requirements, students can obtain an Associate of Applied Science degree in Surgical Technology. After completion of prerequisites and the first quarter of the Surgical Technology program, students can also complete an Operating Room Aide One-Year Certificate.

Please read and complete all sections of the application. Section 1, 2, and 3 must be returned with your official transcripts to the Health Science Division office (address information provided below). Applications must be received as a complete package. Incomplete applications will not be reviewed. Applications will be evaluated for priority based on the number of prerequisites completed and a composite prerequisite grade point average. For extra consideration, applicants may submit documentation supporting their previous healthcare experience. A letter of reference, recommendation, or other form of documentation is acceptable.

Applications returned before July 21, 2009 will receive first consideration.

Applications should be either mailed or hand delivered to:

U.S. Mail:
Health Sciences Division Office
Columbia Basin College, MS-R2
2600 North 20th Avenue
Pasco, WA 99301

Hand Delivery:
Health Sciences Division Office
Health Science Center
CBC Richland Campus
891 Northgate, Richland
(no mail delivery available)



Surgical Technology 2009-2010 Application Checklist

Section 1

General Application

1. Completed Completed college application, including \$28.30 application fee
2. Completed Completed Surgical Technology Application Check List (Section 1 – this page)
3. Completed Application Coversheet for Admission to Surgical Technology (Section 2)
4. Completed Student Course Self Assessment (Section 3)

Transcripts

5. Completed Official High School Transcript or GED attached
6. Completed Official College Transcripts Attached (for every college attended)
 - Transcripts must be received by Columbia Basin College Admissions office. Transcripts may be submitted with the College application prior to program application. This will expedite the admission evaluation.
 - Students who have taken classes at Columbia Basin College do not need to include a transcript from CBC. The Admissions office will provide a current copy of your transcript to accompany this application.

Applications will be accepted until July 21, 2009. Applications will be evaluated for priority based on the number of prerequisites completed and a composite prerequisite grade point average. For extra consideration, applicants may submit documentation supporting their previous healthcare experience. A letter of reference, recommendation, or other form of documentation is acceptable.

Students accepted into the program will be required to participate in a national criminal background history review before any clinical placement. **Additionally, all accepted students must have complied with the CBC required immunizations and a current American Heart Association CPR card for Health Care Providers with certification for adults, children, and infants** for the duration of enrollment in the Surgical Technology program.



Surgical Technology 2009-2010 Application Coversheet

Section 2-Due July 21, 2009

Demographic Information

Last Name	First	Middle	Previous Name(s)
Address		City	State Zip
Phone	Alternative Phone	Birth Date	CBC Student ID Number
High School Attended		Date Graduated	Location

Prior Education

If high school equivalency through G.E.D., state where and when test was taken. _____
 Location _____ Date _____

Have you ever attended any school of Surgical Technology? If yes, complete the following: Yes No

 Name of School _____ City _____

 Reason for Leaving _____

 Programs or Degrees Completed _____

Financial Assistance

Will financial assistance be necessary to complete the program? Yes No

(Note: Consideration for program acceptance is not based on any financial assistance needs.)

I have read all of the criteria and requirements for the Columbia Basin College Surgical Technology program and certify the information contained within this application is accurate and complete to the best of my ability.

 Applicant Name (Printed)

 Applicant Signature

 Date

For Official Use Only		
_____ Grade Point	_____ Course Completion Score	_____ Admissions Index Score
_____ Evaluator Signature		_____ Date



Surgical Technology 2009-2010 Student Course Self-Assessment Section 3-Due July 21, 2009

Please complete the following self-assessment checklist. Columbia Basin College courses are listed, however, if you have taken transfer courses from another college or university; please identify the course name, number, college or university, and grade in the appropriate space provided.

Requirement	CBC Course	Completed	Course Name/Number	College/University	Grade
1. Anatomy/Physiology I* (Lecture)	BIOL& 241	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Anatomy/Physiology I* (Lab)	BIOL& 241L	<input type="checkbox"/> Yes <input type="checkbox"/> No			
2. Anatomy/Physiology II*(Lecture)	BIOL& 242	<input type="checkbox"/> Yes <input type="checkbox"/> No			
3. Anatomy/Physiology II* (Lab)	BIOL& 242L	<input type="checkbox"/> Yes <input type="checkbox"/> No			
4. Medical Terminology	HIT 147	<input type="checkbox"/> Yes <input type="checkbox"/> No			
6. Math 106 or above (except MTH 109)	MTH 106+	<input type="checkbox"/> Yes <input type="checkbox"/> No			
7. English Composition	ENGL& 101	<input type="checkbox"/> Yes <input type="checkbox"/> No			
8. General Psychology	PSYC& 100	<input type="checkbox"/> Yes <input type="checkbox"/> No			
9. Speech Essentials	CMST 101 or CMST 102	<input type="checkbox"/> Yes <input type="checkbox"/> No			

* Courses that have a separate lab and lecture course grade will have an average grade calculated for utilization within the Admissions Index Score (Anatomy/Physiology I and II).

I certify the above information is accurate and complete.

Applicant Signature

Date



Surgical Technology 2009-2010 Supplemental Application Information

The Columbia Basin College Surgical Technology program utilizes two elements to prioritize student applicants for entrance into the Surgical Technology program. Those elements include (A) cumulative grade point average among selected priority element courses, and (B) departmental course score. Each of these elements is outlined further below. These two elements will be combined for a total Surgical Technology Admissions Index Score based on a total point value of 20 points.

A. Cumulative Grade Point

The cumulative grade point of the following courses will be calculated for the entrance index score.

- | | |
|---------------------------|-----------------------------|
| 1. Anatomy & Physiology I | BIOL& 241 & 241L |
| 2. General Psychology | PSYC& 100 |
| 3. English Composition 1 | ENGL& 101 |
| 4. Math 106 or above | Math 106+ (except MATH 109) |

The cumulative GPA (from a total possible cumulative score of 4.0) will be multiplied by a factor of 2.5 for 10 total possible points. Students who have not completed one or more of the courses listed will have a grade of 0.0 recorded for the number of credits identified within the list.

Letter grades (including those received from transferring colleges or universities) will be assigned the following decimal scores according to campus policy:

	B+	= 3.3	C+	= 2.3	D+	= 1.3	
A	= 4.0	B	= 3.0	C	= 2.0	D	= 1.0
A-	= 3.7	B-	= 2.7	C-	= 1.7	D-	= 0.7

B. Departmental Course Completion Score

The departmental course completion score is a cumulative score based on the total number of non surgical Technology courses completed for an individual student. This score is calculated to include summer quarter classes. The courses and their score are provided below: (please note: for transfer courses, a transcript evaluation must be completed by the registrar's office at Columbia Basin College prior to the calculation of the Departmental course completion score. Transfer courses will not be assigned a point value until the official transcript evaluation has been completed.

Course Number	Subject	Points
1. BIOL& 241 & 241L	Anatomy & Physiology I	5
2. BIOL& 242 & 242L	Anatomy & Physiology II	5
3. PSYC& 100, 5 credits	General Psychology	2
4. ENGL& 101, 5 credits	English Composition 1	2
5. CMST& 101 or CMST& 220, 3 credit minimum	Speech Essentials or Public Speaking	2
6. Math 106 or above, 5 credits	Math 106+ (except MATH 109)	2
7. HIT 147	Medical Terminology	2
	Section Total	20

The departmental course completion score (from a total possible score of 20) will be divided by a factor of 2.0 for 10 total possible points.

Example Computation (see example student)

A. Element	Raw	Function	Factor	Total
B. GPA	4.0	Multiply	2.5	10
Departmental Course Score	20	Divide	2.0	10

Example Student

A. Element	Raw	Factor	Total
B. GPA	3.76	2.5	9.400
Departmental Course score	18	2.0	9.0
Total Admissions Index Score			18.40

The Surgical Technology program Admissions Index score helps to provide students with equity when submitting applications to the program. Overall, the Surgical Technology program Admissions Index score computation provides a superb index of comparison for students applying to the Columbia Basin College Surgical Technology program.



Surgical Technology 2009-2010 Program Costs

All fees are estimated and are subject to change. However, the following figures may be used as a general guideline to assist applicants in preparing for the costs associated with enrollment in the program.

1. Tuition: as stated in current college catalog; approximately \$6,000 for the one- year certificate and an additional \$2,000 for the degree; plus a \$10 lab fees for each lab class, maximum \$30 per quarter.
2. Books: approximately \$1,200 for the four-quarter course sequence.
3. Supplies: notebooks, pencils, and other materials estimated at \$100 per quarter.
4. Student Injury & Sickness Insurance Plan: approximately \$155 per quarter through Columbia Basin College for students who do not have health insurance. Forms are available from the Cashier's office. Although this coverage is not required, it is highly recommended for students who have no current healthcare insurance coverage.
5. Malpractice Insurance: approximately \$20-\$30 per year through Columbia Basin College. Fees are automatically assessed at the time of registration.
6. Physical Exam and Immunizations: approximately \$250. Submit all required test results and immunizations to the Health Science Division office.
7. Uniforms: Must be purchased prior to the first day of the program. The scrub color for the surgical technology program is red. A long lab jacket is also required. The jacket should be plain white, button/snap front, with long sleeves, approximately \$70.00. Ordering details will be provided upon acceptance into the program. Students must order scrubs through the approved vendor. Each scrub set costs approximately \$90 plus shipping/handling and tax.
8. Shoes: black and washable approximately \$40 a pair.
9. Wrist Watch: with a second hand and band that is waterproof, estimate \$25.
10. Name Pin: \$1.50 paid for at time of registration.



Surgical Technology 2009-2010 Certificate and Degree Options

The following One-Year Certificate and Associate of Applied Science degree are available through the Surgical Technology program.

Operating Room Aide One-Year Certificate Curriculum (First Year)*

Course Number	Course Title	Credits
Major Courses		
SRGT 101	Introduction to Surgical Technology	4
SRGT 1011	Introduction to Surgical Technology Lab	2
SRGT 160	Perioperative Patient Care	2
SRGT 1601	Perioperative Patient Care Lab	1
SRGT 110	Operating Room Aide	3
SRGT 1101	Operating Room Aide Lab	2
	Subtotal	14
Major Support		
HIT 147	Medical Terminology	5
BIOL& 241	Human A&P 1 with lab	6
BIOL& 241L	Human A&P 1 Lab	0
BIOL& 242	Human A&P 2 with Lab	6
BIOL& 242L	Human A&P 2 Lab	0
	Subtotal	17
General Education		
ENGL& 101	English Composition I	5
MATH 106+	Math over 106+ or above (except MATH 109)	5
PSYC& 100	General Psychology	5
Speech select 3-5 credits		
CMST&		
CMST& 101	Speech Essentials or	3 or 5
	or 220 Public Speaking	
	Subtotal	18-20
	Total Credits Required	49-51

Surgical Technology Associate of Applied Science Curriculum (First and Second Year)**

Course Number	Course Title	Credits
Major Courses		
SRGT 101	Introduction to Surgical Technology	4
SRGT 1011	Introduction to Surgical Technology Lab	2
SRGT 102	Disease Transmission and Control	3
SRGT 103	Ethics and Professionalism	2
SRGT 110	Operating Room Aide	3
SRGT 1101	Operating Room Aide Lab	2
SRGT 120	Central Service	1
SRGT 1201	Central Service Clinical	1
SRGT 130	Human Anatomy for Surgical Technician	4
SRGT 1301	Human Anatomy for Surgical Technician Lab	2
SRGT 1411	Operating Room Practicum I Lab	6
SRGT 150	Surgical Procedures I	4
SRGT 1501	Surgical Procedures I Lab	2
SRGT 160	Perioperative Patient Care	2
SRGT 1601	Perioperative Patient Care Lab	1
SRGT 240	Surgical Seminar	3
SRGT 2411	Operating Room Practicum II	10
SRGT 250	Surgical Procedures II	4
SRGT 2501	Surgical Procedures II Lab	2
	Subtotal	63
Major Support		
HIT 147	Medical Terminology	5
BIOL& 241	Human A&P 1 with lab	6
BIOL& 241L	Human A&P Lab	0
BIOL& 242	Human A&P 2 with Lab	6
BIOL& 242L	Human A&P 2 Lab	0
	Subtotal	17
General Education		
ENGL& 101	English Composition I	5
MATH 106+	Math over 106+ or above (except MATH 109)	5
PSYC& 100	General Psychology	5
Speech select 3- 5 credits		
CMST&		
CMST& 101 or	Speech Essentials or	3 or 5
	220 Public Speaking	
	Subtotal	18-20
	Total Credits Required	98-100



Student Health Record Guidelines CBC Health Sciences Division Effective August 1, 2008

Pregnant students should seek advice from their health care provider regarding their immunizations. Waivers may need to be signed.

CPR

Documentation of current CPR certification (copy of card) must be on file by the first day of class in the fall quarter. CPR card must indicate that it is for health care providers and include CPR for adults, children, and infants as well as training on the automatic external defibrillator. (American Heart Association Health Care Provider Card). It is the responsibility of the individual student to attain and maintain certification and re-certification while enrolled in any Health Science Division program.

Certified Background Check

Before registration to any Health Science Division course, students must purchase a background check through CertifiedBackground.com. The results of the background check are posted to the CertifiedBackground.com website in a secure, tamper-proof environment where the student has access and by permission provides viewing access to the organization. Students must repeat background checks if they have been out of a Health Science program for more than one quarter.

Required Immunizations:

Tuberculin Test (PPD)

A two-step process is required for compliance with clinical facilities. This two step method includes the following:

1. Obtain TB skin test #1.
2. Have test #1 read.
3. Obtain TB test #2 with 2-3 weeks of first test.
4. Have test #2 read.
5. Provide documentation of two tests to Columbia Basin College.

If at any time, the PPD is positive, the student must go to the Benton County Public Health for follow up. The student will need to provide documentation of their visit from the Health department. The TB test is to be repeated yearly from date of last (2nd) test.

* If currently in a position that requires yearly TB testing and you receive your next test before the 12 month (1 year) deadline, it will be considered completion of the two step method.

Hepatitis B(HBV)

Documentation that the HBV vaccine series has been initiated prior to entry of any Health Science program or documentation of the completed vaccine series (3 injections). If no documentation is available and the student states they have received the series, the student will sign a verification of immunization form, and will be required to obtain a titer and follow up with an HBV booster if results are non-immune. Further follow-up may be required but will be reviewed on an individual basis.



Tetanus, diphtheria, and pertussis (Td/Tdap)

Documentation for a Tdap immunization prior to entering any Health Science program. Those with a documented Td immunization within the past two years are exempt from obtaining the Tdap, but must provide documentation of their Td.

Measles, Mumps, and Rubella (MMR)

Students born in or after 1957 must provide documentation of:

- a. administration of two doses of live measles, mumps, and rubella virus vaccine or
- b. laboratory evidence of immunity (MMR titer)

Students born before 1957 must provide documentation of immunity (titer) and if no documentation is available, one dose of MMR is required.

Varicella Vaccine (Chicken Pox)

Documentation of disease history or immunizations. Students who are relying on history will sign a Verification of Disease form. Students who are unsure of their history must obtain laboratory evidence of immunity (varicella titer) or provide proof of two doses of varicella vaccine, separated by 4-8 weeks.

Recommended Vaccines:

Hepatitis A (HAV)

A combination HBV and HAV vaccine (Twinrix) is now available. This vaccine is administered in a three dose series.

Influenza

Influenza vaccine is highly recommended for all health care workers.

Polio

Students should have completed a primary series of polio vaccinations.

Meningococcal

Highly recommended

